MATHEMATICS OF THE USSR – SBORNIK

МАТЕМАТИЧЕСКИЙ СБОРНИК

Tom 98 (140) Nos. 1–4, 1975

Volume 27, Nos. 1–4 September–December, 1975 Pages 1–667

INDEX OF AUTHORS

Ačil′diev, A. I. *A mixed boundary value problem for some degenerate elliptic equations*..... 447

Agranovič, P. Z. and Ronkin, L. I. *On conditions for the pluriharmonicity of the indicator of a holomorphic function of several variables*..... 289

Bočkarev, S. V. *A Fourier series in an arbitrary bounded orthonormal system that diverges on a set of positive measure*..... 393

Bogatyĭ, S. A. and Madirimov, M. *On the dimension theory of metrizable spaces with periodic homeomorphisms*..... 67

Čirka, E. M. *Analytic representation of CR-functions*..... 527

Dalaljan, S. G. *The Prym variety of a double covering of a hyperelliptic curve with two branch points*..... 227

Dubinskiĭ, Ju. A. *Sobolev spaces of infinite order and the behavior of solutions of some boundary value problems with unbounded increase of the order of the equation*..... 143

Galimov, I. S. *On the completeness of the exponential system in nonconvex domains*..... 39

Gončar, A. A. *On the convergence of generalized Padé approximants of meromorphic functions*..... 503

Hatamov, A. *On rational approximations of functions with a convex derivative*..... 239

Inasaridze, H. N. *Homotopy of pseudosimplicial groups, nonabelian derived functors, and algebraic K-theory*..... 303

Ismagilov, R. S. *On unitary representations of the group of diffeomorphisms of the space R^n, $n \geqslant 2$*..... 51

Kac, G. A. *Wall groups of finite groups and* Π*-signatures of manifolds*..... 163

Korobeĭnik, Ju. F. *On a dual problem.* II. *Applications to LN^*-spaces and other questions*..... 1

Krotov, V. G. See Storoženko, È. A., Krotov, V. G. and Osval′d, P.

Kružkov, S. N. *Generalized solutions of the Hamilton-Jacobi equations of eikonal type.* I. *Formulation of the problems, existence, uniqueness and stability theorems, and some properties of the solutions*..... 406

Levin, M. B. *On the uniform distribution of the sequence* $\{\alpha\lambda^x\}$..... 183

Madirimov, M. See Bogatyĭ, S. A. and Madirimov, M.

Madirimov, M. *On the extension of equivariant mappings*..... 77

Mihaĭlov, V. G. *The central limit theorem for nonhomogeneous U-statistics of finitely dependent random variables*..... 555

Maĭorov, V. E. *Multidimensional piecewise polynomial approximation on classes of functions with a dominant mixed derivative*..... 269

Miheev, I. M. *On lacunary series*..... 481

Mjuller, B. *On the density of solutions of an equation in* $\mathbf{CP}^2$..... 325

Nikiforov, A. F. and Uvarov, V. B. *On a new approach to the theory of special functions*..... 515

Osval′d, P. See Storoženko, È. A., Krotov, V. G. and Osval′d, P.
Pinčuk, S. I. *On the analytic continuation of holomorphic mappings* 375
Pogosjan, N. B. *Representation of measurable functions by orthogonal series* 93
Ronkin, L. I. See Agranovič, P. Z. and Ronkin, L. I.
Rumjancev, A. K. *An independent basis for the quasi-identities of a free Cantor algebra* 119
Rumov, B. T. *A recursive construction of difference families in noncyclic groups* 251
Sabitov, I. H. *On infinitesimal bendings of troughs of revolution.* I 103
Smirnov, Ju. M. *Sets of H-fixed points are absolute extensors* 85
Storoženko, È. A., Krotov, V. G. and Osval′d, P. *Direct and converse theorems of Jackson type in L^p spaces, $0 < p < 1$* 355
Tarasov, V. V. *The completeness problem for systems of functions of the algebra of logic with unreliable realization* 339
Tribel′, Hans [Triebel, Hans]. *Interpolation properties of ε-entropy and diameters. Geometric characteristics of imbedding for function spaces of Sobolev-Besov type* 23
Vladimirov, V. S. *Holomorphic functions with positive imaginary part in the future tube.* III 263
Ul′janov, V. M. *On compactifications satisfying the first axiom of countability and absolutes* 199
Uvarov, V. B. See Nikiforov, A. F. and Uvarov, V. B.
Znoĭko, D. V. *Free products of networks and free symmetrizers of graphs* 463
Zubkov, A. M. *On the rate of convergence of a renewal density* 131
Letter to the editor 565